

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Dr. Uwe FALK et al.

Docket No.

2002DE422

6 DEC 2004

Group Art Unit
NOT ASSIGNEDApplication No.
NOT ASSIGNEDFiling Date
December 16, 2004Examiner
NOT ASSIGNEDCustomer No.
26,289

Invention: USE OF COLLOIDAL ANIONIC SILICA SOLS AS CLARIFYING AGENTS

I hereby certify that the following correspondence:

Patent Application - 8 Pages

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 16, 2004

(Date)

MARIA T. SANCHEZ

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

EV 540353279 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Dr. Uwe FALK et al.****10/518315-**

2002DE422

DT01 Rec'd PCT/PTC 16 DEC 2004

Application No. NOT ASSIGNED	Filing Date December 16, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: **USE OF COLLOIDAL ANIONIC SILICA SOLS AS CLARIFYING AGENTS**

I hereby certify that the following correspondence:

English language translation of the amendments to the claims - 1 Page*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 16, 2004*(Date)***MARIA T. SANCHEZ***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 540353279 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Dr. Uwe FALK et al.

10/518315

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DT01 Rec'd PCT/STC 16 DEC 2004

Application No. NOT ASSIGNED	Filing Date December 16, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: **USE OF COLLOIDAL ANIONIC SILICA SOLS AS CLARIFYING AGENTS**

I hereby certify that the following correspondence:

Combined Declaration For Patent Application And Power Of Attorney - 2 Pages*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 16, 2004*(Date)*MARIA T. SANCHEZ*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EV 540353279 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Dr. Uwe FALK et al.****10/318315**Docket No.
2002DE422**DT01 Rec'd PCT/PTC 16 DEC 2004**

Application No. NOT ASSIGNED	Filing Date December 16, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: **USE OF COLLOIDAL ANIONIC SILICA SOLS AS CLARIFYING AGENTS**

I hereby certify that the following correspondence:

Copy of International Search Report (Form PCT/ISA/210) - 3 Pages*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 16, 2004*(Date)***MARIA T. SANCHEZ***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 540353279 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Dr. Uwe FALK et al.****10/518315**

Docket No. 2002DE422

DT01 Rec'd PCT/EP

16 DEC 2004

Application No. NOT ASSIGNED	Filing Date December 16, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: **USE OF COLLOIDAL ANIONIC SILICA SOLS AS CLARIFYING AGENTS**

I hereby certify that the following correspondence:

Copy of PTC Request (Form PCT/RO/101) - 7 Pages*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 16, 2004*(Date)***MARIA T. SANCHEZ***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 540353279 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Dr. Uwe FALK et al.****10/518315**

2002DE422

DT01

Rec'd PCT/PTC

16 DEC 2004

Application No. NOT ASSIGNED	Filing Date December 16, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: **USE OF COLLOIDAL ANIONIC SILICA SOLS AS CLARIFYING AGENTS**

I hereby certify that the following correspondence:

Form PCT/IB/308 - 1 Page*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 16, 2004*(Date)***MARIA T. SANCHEZ***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 540353279 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.101)

Applicant(s): Dr. Uwe FALK et al.

Docket No. 10/518315

DT01 Rec'd PCT/PT 2002DE422
16 DEC 2004

Application No. NOT ASSIGNED	Filing Date December 16, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: USE OF COLLOIDAL ANIONIC SILICA SOLS AS CLARIFYING AGENTS

I hereby certify that the following correspondence:

WO 2004/003128 A1 - 1 Page

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 16, 2004*(Date)*MARIA T. SANCHEZ*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EV 540353279 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Dr. Uwe FALK et al.****10/518315**

2002DE422

DT01 Rec'd PCT/P

16 DEC 2004

Application No. NOT ASSIGNED	Filing Date December 16, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: **USE OF COLLOIDAL ANIONIC SILICA SOLS AS CLARIFYING AGENTS**

I hereby certify that the following correspondence:

Transmittal Letter - 2 Pages*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 16, 2004*(Date)***MARIA T. SANCHEZ***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 540353279 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

12-17-04 PTO3 Rec'd PCT/PTO 16 DEC 2004

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 07-2004)		ATTORNEY'S DOCKET NUMBER 2002DE422
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) NOT ASSIGNED 10/518315
INTERNATIONAL APPLICATION NO. PCT/EP03/06264	INTERNATIONAL FILING DATE June 13, 2003	PRIORITY DATE CLAIMED June 28, 2002

TITLE OF INVENTION
USE OF COLLOIDAL ANIONIC SILICA SOLS AS CLARIFYING AGENTS

APPLICANT(S) FOR DO/EO/US
Dr. Uwe FALK, Eric JACQUINOT, Marie-Laure PERARD


Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No. **EV 540353279 US**
23. ☒ Other items or information:

Copy of PCT Request (Form PCT/RO/101)
Form PCT/IB/308
WO 2004/003128 A1

U.S. APPLICATION NO (if known, see 37 CFR 1.51) NO. 10/518315		INTERNATIONAL APPLICATION NO. PCT/EP03/06264		ATTORNEY'S DOCKET NUMBER 2002DE422	
24. The following fees are submitted:				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :					
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO				\$1110.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO				\$950.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO				\$790.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)				\$750.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)				\$100.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$1,000.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	26 - 20 =	6	x \$50.00	\$300.00	
Independent claims	3 - 3 =	0	x \$88.00	\$0.00	
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>	\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,300.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$0.00	
SUBTOTAL =				\$1,300.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$0.00	
TOTAL NATIONAL FEE =				\$1,300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).			<input type="checkbox"/>	\$0.00	
TOTAL FEES ENCLOSED =				\$1,300.00	
				Amount to be: refunded	\$
				charged	\$
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-3309</u> in the amount of <u>\$1,300.00</u> to cover the above fees.					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-3309</u>					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
ALAN P. KASS AZ ELECTRONIC MATERIALS USA CORP. 70 MEISTER AVENUE SOMERVILLE, NJ 08876			SIGNATURE  ALAN P. KASS NAME 32,142 REGISTRATION NUMBER December 16, 2004 DATE		
CUSTOMER NO. 26,289					

10/518315

PCT/EP03/06264

2002DE422

REC'D PCT/PTO 16 DEC 2004

following fees are submitted.

NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :

international preliminary examination fee (37 CFR 1.482) nor
national search fee (37 CFR 1.445(a)(2)) paid to USPTO
national Search Report not prepared by the EPO or JPO \$1110.00
national preliminary examination fee (37 CFR 1.482) not paid to
but International Search Report prepared by the EPO or JPO \$950.00
national preliminary examination fee (37 CFR 1.482) not paid to USPTO
national search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00
national preliminary examination fee (37 CFR 1.482) paid to USPTO
claims did not satisfy provisions of PCT Article 33(1)-(4) \$750.00
national preliminary examination fee (37 CFR 1.482) paid to USPTO
claims satisfied provisions of PCT Article 33(1)-(4) \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$30.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30
earliest claimed priority date (37 CFR 1.492(e)).

NUMBER FILED	NUMBER EXTRA	RATE	
26 - 20 =	6	x \$50.00	\$300.00
3 - 3 =	0	x \$88.00	\$0.00

endent Claims (check if applicable). ☐

TOTAL OF ABOVE CALCULATIONS. = \$1,300.00

claims small entity status. See 37 CFR 1.27. The fees indicated above are
1/2.

SUBTOTAL = \$1,300.00

of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30
earliest claimed priority date (37 CFR 1.492(f)).

TOTAL NATIONAL FEE = \$1,300.00

g the enclosed assignment (37 CFR 1.21(h)). The assignment must be
an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☐

TOTAL FEES ENCLOSED = \$1,300.00

Amount to be:
refunded \$
charged \$

Adjustment Date: 08/03/2005 WALVARAD
12/27/2004 LLANDGRA 00000054 503309 10518315
02 FC:1632

A check for amount of _____ to cover the above fees is enclosed.

Please charge my Deposit Account No. 50-3309 in the amount of \$1,300.00 to cover the above fees.

The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment
to Deposit Account No. 50-3309

Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

: an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
must be filed and granted to restore the International Application to pending status.

RESPONSE TO:

IS
ONIC MATERIALS USA CORP.
AVENUE
E, NJ 08876

NO. 26,289

SIGNATURE

ALAN P. KASS

NAME

32,142

REGISTRATION NUMBER

December 16, 2004

DATE